

Snowdonia National Park

Forecast valid from 06:00 on Wednesday 11 Jan 2023 until 23:59 on Thursday 12 Jan 2023

Forecast Issued on Wednesday 11 Jan 2023 at 00:38

Confidence: High for unsettled, but lowering for the detail of timing and intensity of worst of weather due to the mobile nature of the westerly flow.

Headline for Wednesday 11 Jan 2023: Showers, these turning frequent and heavy during the afternoon. Periods of rain and summit snow developing towards midnight. Summit gales.

Mountain weather hazards on Wednesday 11 Jan 2023

Blizzards

Low Likelihood

Gales

Medium Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sleet showers	Sleet showers	Heavy snow showers	Sleet showers	Light rain showers	Heavy Rain
Precipitation probability					
30%	30%	50%	50%	30%	70%

Forecast for Wednesday 11 Jan 2023

Weather: Scattered showers and brighter spells for the morning. Showers building for the afternoon, bringing the chance of some hail and thunder to western ranges. Snow level around 600m. Outbreaks easing early evening, then an area of rain, with some initially summit snow, spreads from the west from mid-evening.

Chance of cloud-free hill tops above 800m: 60% during the morning becoming 20-30% for the afternoon.

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases occasional down to 500m in the morning, more frequently so for the afternoon.

Forecast for Wednesday 11 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	41/49 SW	41/53 SW	44/58 SW	42/56 W	37/48 SW	35/47 SW	45/62 W
600	27/34 SW	29/40 SW	33/47 SW	31/43 W	25/36 SW	24/36 SW	33/49 W
300	17/30 SW	18/35 SW	22/41 SW	20/37 W	16/31 SW	15/30 SW	23/44 W
Valley	17/30 SW	19/34 SW	21/38 SW	21/37 W	17/31 SW	14/27 SW	22/41 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-9	0/-8	1/-8	-0/-9	-0/-9	2/-5	5/-2
600	2/-4	3/-4	3/-4	2/-5	2/-4	4/-2	7/1
300	5/0	5/1	6/0	5/-1	5/0	6/2	8/4
Valley	7/2	7/2	7/3	6/1	6/2	8/4	10/6
Freezing Level*	900m	1000m	1000m	800m	900m	1300m	1800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Severe wind chill at height. Hill fog extensive for the afternoon.

Forecast for Thursday 12 Jan 2023

Weather: Windy. Rather cloudy and showery with outbreaks turning heavy at times. Snow level around 800-900m. Best of the limited shelter across the eastern ranges.

Maximum wind: West to southwest increasing for the afternoon to mean 35-40mph with gusts reaching 55-60mph over most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: 50% for any one time, but very low for extended periods given the showery nature of the flow.

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases quite frequently down to 500m

Temperature: **Valleys:** Plus 2 Celsius increasing 10 Celsius during the afternoon
At 800m: Plus 1 Celsius
Freezing level: 900m

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 00:38 on Wed 11 Jan 2023